

Technical Specification Digital Earth Tester**Instruction to Vendor**

1. ALL THE SPECIFICATIONS/POINTS MUST NECESSARILY TO BE FILLED IN.ANY POINT LEFT OUT IS NOT ACCEPTED WITHOUT ANY REASON THEREOF. **OFFER WILL NOT BE ACCEPTED IF DATA IS NOT PROVIDED AS PER THE FORMAT.**

2.RELEVANT COMPLETE TECHNICAL LITERATURE HAS TO BE ENCLOSED FOR EVERY OFFERED MODEL.

3.FOR ANY CONTRADICTORY POINTS IN THE SPECIFICATIONS AND SCOPE OF SUPPLY ,VENDOR SHALL REFER TO BCPL FOR CLARIFICATIN BEFORE SUBMITTING THE OFFER.

Sl.No	Specification	Requirement	VENDOR ACCEPTANCE
	DIGITAL EARTH GROUND TESTER		
A	ACCEPTABLE MAKE	FLUKE\ MEGGAR \YOKOGAWA\TESTO\KEW	
B	MAKE	VENDOR TO SPECIFY=	
C	MODEL	VENDOR TO SPECIFY=	
D	CATALOGUE	VENDOR TO SUBMIT ORIGINAL CATALOGUE & SPECIFICATION SHEET FOR TECHNICAL	
E	TECHNICAL SPECIFICATION:-		
1	DISPLAY	Large display with Backlight	
2	BARGRAPH	REQUIRED	
3	POWER /BATTERY	Standard Dry Alkaline Battery / Chargable Battery	
4	POWER MANAGEMENT	AUTO SLEEP MODE/POWER OFF FOR LONG BATTERY LIFE REQUIRED	
5	BATTERY LIFE	VENDOR TO SPECIFY=	
6	BATTERY WARNING	LOW BATTERY INDICATION IS REQUIRED	
7	MEASUREMENT RATE	MINIMUM 1 MEASUREMENT PER SEC.	
8	AUTO AND MANUAL RANGING	REQUIRED	
9	CALIBRATION CERTIFICATE	NIST/NPL treaceable certificate of calibration is required along with supply.	
10	Warranty	12 months from date of operation or 18 months from date of delivery whichever is earlier	
F	RANGE & ACCURACY		
1	MEASUREMENT METHOD	3 POLE (WITH PROBE) AND 2 POLE (WITHOUT PROBE)	
2	RESISTANCE RANGE	0 to 1999 ohm	
3	RESISTANCE RESOLUTION	Less than or equal to 0.1 Ω	
4	RESISTANCE ACCURACY	+/- 5 % OF MEASURED VALUE + 5D (approx.) OR BETTER	
5	MEASURING FREQUENCY	Less than or equal to 820 Hz	
6	SAFETY	CAT II	
7	PROTECTION	IP 40	
8	Hold	REQUIRED	
9	RS232 INTERFACE	AS PER VENDOR STANDARD	
G	ACCESSORIES		
1	CARRYING CASE/HOLSTER	1 NUMBER WITH EACH METER	
2	STANDARD TEST LEADS	1 SETS WITH EACH METER	
3	ALLEGATOR CLIPS	1 SET WITH EACH METER	
4	EARTH RESISTANCE MEASUREMENT	1 SETS WITH EACH METER	
5	BATTERY	1 SET INSTALLED AND 1 SET AS SPARE	
6	SPARE FUSES (IF ANY)	2 NUMBERS	
7	OPERATING MANUAL	IN ENGLISH ONE SET WITH EACH METER	
8	CD ROM /SOFT WARE	ONE SET WITH EACH METER	
9	RS232 INTERFACECABLE	TO BE SUPPLIED IF OPTION IS AVAILABLE	
10	RS232 INTERFACE SOFTWARE	TO BE SUPPLIED IF OPTION IS AVAILABLE	

Technical Specification - Digital Motor Checker**Instruction to Vendor**

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2.RELEVANT COMPLETE TECHNICAL LITERATURE HAS TO BE ENCLOSED FOR EVERY OFFERED MODEL.

3.FOR ANY CONTRADICTORY POINTS IN THE SPECIFICATIONS AND SCOPE OF SUPPLY ,VENDOR SHALL REFER TO BCPL FOR CLARIFICATIN BEFORE SUBMITTING THE OFFER.

4.INSTRUMENT OPERATING DEMO SHOULD BE PROVIDED AFTER DELIVERY AT SITE.

Sl.No	Specification	Requirement	VENDOR ACCEPTANCE
	MOTOR CHECKER		
A	ACCEPTABLE MAKE	METRAVI/MECO/FLUKE/MEGGAR \YOKOGAWA\TESTO\KEW	
B	MODEL	VENDOR TO SPECIFY=	
C	CATALOGUE	VENDOR TO SUBMIT ORIGINAL CATALOGUE & SPECIFICATION SHEET FOR TECHNICAL EVALUATION	
D	TECHNICAL SPECIFICATION:-		
1	INSULATION RESISTANCE	0-200 MEG OHM ,AT 500V MAX. CURRENT 0.25 mA	
2	SELECTABLE RANGES	0-2000 Meg ohms at 1000 V DC CURRENT 0.25 Ma	
3	RSEISTANCE TEST ACCURACY	(+/-)2% OF FSR	
4	INDUCTANCE TEST	0-2000mH, 0-200mH, 0-20mH, 0-2 Mh in 4 ranges	
5	INDUCTANCE ACCURACY	(+/-)3% OF FSR	
6	DISPLAY	THREE AND HALF LCD	
7	LOW BATTERY INDICATION	YES	
8	OPERATING TEMP. RANGE	0-55 DEGREE CENT.	
9	WEIGHT	EQUAL TO OR LESS THEN 1500GM.	
10	CALIBRATION CERTIFICATE	International/National treaceable certificate of calibration is required along with supply.	
E	ACCESSORIES		
1	CARRYING CASE/HOLSTER	1 NUMBER WITH EACH METER	
2	STANDARD TEST LEADS	1 SETS WITH EACH METER	
3	BATTERY	1 SET INSTALLED AND 1 SET AS SPARE	
4	SPARE FUSES (IF ANY)	2 NUMBERS	
5	OPERATING MANUAL	IN ENGLISH ONE SET WITH EACH MULTIMETER	

Technical Specification of AC/DC Clamp on Power Meter**Instruction to Vendor**

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2.RELEVANT COMPLETE TECHNICAL LITERATURE HAS TO BE ENCLOSED FOR EVERY OFFERED MODEL.

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Sl.No	Specification	Requirement	VENDOR ACCEPTANCE
	TRUE RMS AC / DC CLAMP METER		
A	ACCEPTABLE MAKE	FLUKE/ MEGGAR/ YOKOGAWA	
B	MODEL	VENDOR TO SPECIFY=	
C	CATALOGUE	VENDOR TO SUBMIT ORIGINAL	
D	METHOD OF	TRUE RMS	
E	DISPLAY	4000 counts	

F. Electrical Specifications:-**Current measurement DC and AC 10 Hz to 100 Hz**

Range	Resolution	Accuracy A	Triger level for inrush	Triger level for Hz filter OFF	Triger level for Hz filter ON	VENDOR ACCEPTANCE
40A	10mA	1.5% rdg+15 digits	0.50A	2.50A	0.50A	
400A	100mA	1.5% rdg+15 digits	5.0A	2.5A	2.5A	
2000A ;1400 AC RMS	1A	1.5% rdg+15 digits	5A	8A	8A	

Current measurement AC 100.1 hz to 1kHz

Range	Resolution	Accuracy A	Triger level for inrush	Triger level for Hz filter OFF	Triger level for Hz filter ON	VENDOR ACCEPTANCE
40A	10mA	1.5% rdg+15 digits	0.50A	2.50A	0.50A	
400A	100mA	1.5% rdg+15 digits	5.0A	2.5A	2.5A	
2000A ;1400 AC RMS	1A	1.5% rdg+15 digits	5A	8A	8A	

Voltage measurement dc & ac 10 Hz to 100 Hz.

Range	Resolution	Accuracy A	Triger level for inrush	Triger level for Hz filter OFF	VENDOR ACCEPTANCE
4V	1mV	1 rdg+10 digits	0.050V	0.050V	
40 V	10mV	1 rdg+ 5 digits	0.25V	0.25V	
400V	100 Mv	1% rdg+5 digits	6 V	6 V	
600V ac rms	1V	1.5% rdg+15 digits	6 V	6 V	
1000 V dc	1V	1% rdg+5 digits	N/A	N/A	

Voltage measurement dc & ac 100.1 Hz to 1kHz.

Range	Resolution	Accuracy A	Triger level for inrush	Triger level for Hz filter OFF	VENDOR ACCEPTANCE
4V	1mV	3 %rdg+10 digits	0.050V	0.050V	
40 V	10mV	3 %rdg+ 5 digits	0.25V	0.25V	
400V	100 Mv	3% rdg+5 digits	6 V	6 V	
600V ac rms	1V	3% rdg+5 digits	6 V	6 V	

Ohm measurement dc & ac 100.1 Hz to 1kHz.

Range	Resolution	Accuracy A	VENDOR ACCEPTANCE
400 ohm	0.1 ohm	1.5 %+5 digits	
4 kilo ohm	1 ohm	1.5%+ 5 digits	
40 kilo ohm	10 ohm	1.5%+5 digits	
400 kilo ohm	100 ohm	1.5%+5 digits	
G .GENERAL SPECIFICATIONS:-			

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ITEM	SPECIFICATION	VENDOR ACCEPTANCE
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BATTERRIES:-	Six 1.5 VAA NEDA 15A or IEC LR6	
Battery Life	100 hours	
Test Leads	Rated to 1000V	
Weight	1 kg or less	
Jaw Size	58mm(2.28in)	
Safety Rating	IEC 61010-2-032,600V CATIV,1000V CAT-III	
OPERATING TEMPERATURE	-10 TO +40 DEGC	
STORAGE TEMPERATURE	-40 TO +60 DEGC	
AUTO AND MANUAL RANGING	REQUIRED	
CALIBRATION CERTIFICATE	NIST/NPL treaceable certificate of calibration is required along with supply.	
Warranty	12 months from date of operation or 18 months from date of delivery whichever is earlier	

Technical Specification for DC Source Cum meter**Instruction to Vendor**

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2. RELEVANT COMPLETE TECHNICAL LITERATURE HAS TO BE ENCLOSED FOR EVERY OFFERED MODEL.

3. FOR ANY CONTRADICTORY POINTS IN THE SPECIFICATIONS AND SCOPE OF SUPPLY, VENDOR SHALL REFER TO BCPL FOR CLARIFICATION BEFORE SUBMITTING THE OFFER.

Sl.No	Parameter	Requirement/Specification			VENDOR ACCEPTANCE
1	PROTABLE LOOP CALIBRATOR				
	ACCEPTABLE MAKE	FLUKE/ MEGGAR/ YOKOGAWA / /KYORITSU			
A	MAKE	VENDOR TO SPECIFY=			
B	MODEL	VENDOR TO SPECIFY=			
C	CATALOGUE	VENDOR TO SUBMIT ORIGINAL CATALOGUE & SPECIFICATION SHEET FOR TECHNICAL EVALUATION			
2	TECHNICAL SPECIFICATION:-				
	Description of Specifications:	Range	Resolution	Accuracy (%OF READING + LSD	VENDOR ACCEPTANCE
1	Current measurement:-				
i	mA measurement (measured by clamp) – Resolution/range	0 to 20.99 mA, 21-100 mA	.0.01 mA; 0.1 mA	0.2 % + 5 counts;1 % + 5 counts	
ii	In Circuit	0-24mA	.0.01 mA	.0.2 % + 2 counts	
iii	Current Source :-	0-24V	.0.01 mA	0.2 % + 2 counts	
iv	DC Voltage measurement	0-30V	0.01 V	0.2 % + 2 counts	
v	DC Voltage Source:-	0-10 V	0.01 V	0.2 % + 2 counts	
vi	mA IN/OUT	0-24 mA	.0.01 mA	0.2 % + 2 counts	
vii	Response speed	2 times per second			
viii	Batteries	4 1.5 V, Alkaline , IEC LR6			
ix	Working hours	12 hours @ 12 mA sourced into 500 Ω			
x	Operating Temperature	Minus 10 to 50 D C			
xi	IP Rating	IP 40			
H	Warranty	12 months from date of operation or 18 months from date of delivery whichever is earlier			
I	Calibration certificate	NIST/NPL treaceable certificate of calibration is required along with supply.			
3	Accessories				
A	Test leads	Required 2 sets			
B	Insulated crocodile clips	Required 2 Sets			
C	Carrying case	Required			
D	Protective Rubber Holster	Required			
E	Charging Power Cord	Required , if chargeable battery			
F	Instruction manual in English	Required			
G	Calibration certificate	Required			
H	CD/Software	Required if Applicable			

Technical Specification for Digital RPM Meter**Instruction to Vendor**

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2. RELEVANT COMPLETE TECHNICAL LITERATURE HAS TO BE ENCLOSED FOR EVERY OFFERED MODEL.

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Sl.No	Parameter	Requirement/Specification		VENDOR ACCEPTANCE
1	DIGITAL RPM METER (NON CONTACT TYPE)			
	ACCEPTABLE MAKE	FLUKE/ MEGGAR/ YOKOGAWA / AGILENT/RHEINTACHO/SKF/TESTO/AMPROBE		
A	MAKE	VENDOR TO SPECIFY=		
B	MODEL	VENDOR TO SPECIFY=		
C	CATALOGUE	VENDOR TO SUBMIT ORIGINAL CATALOGUE & SPECIFICATION SHEET FOR TECHNICAL EVALUATION		
2	TECHNICAL SPECIFICATION:-			
		Range	Accuracy (%OF READING + LSD COUNT)	VENDOR ACCEPTANCE
A	Speed - Non-contact	1- 99999 min	0.02% v +/- 1 LSD	
B	Sensing distance	max. 600 mm		
C	Laser Optical Range	50 - 2000 mm		
D	Light Source	Class II Laser Diode		
E	On Target Indicator	Required		
F	Low Battery Indicator	Required		
G	Range	Automatic		
H	Display	LED / LCD		
I	Sutiable for measurement of resistance in both inductive and non-inductive circuits			
3	General Specification			
A	Operating temperature	0 Deg C ~ 50 Deg C		
B	Storage temperature	-10 Deg C ~ 60 Deg C		
C	Battery	Alkaline battery / Rechargeable battery with charging facility without removing the battery. Charging Voltage: 230 vac		
D	Auto power OFF	Required.		
E	Data Hold Facility	Required.		
F	Warranty	12 months from date of operation or 18 months from date of delivery whichever is earlier		
G	Calibration certificate	NIST/NPL treaceable certificate of calibration is required along with supply.		
4	Accessories			
A	Contact adopter	Required for contact speed measurement		
B	Carrying case	Required		
C	Charging Power Cord	Required , if chargeable battery		
D	Instruction manual in English	Required		
E	Calibration certificate	Required		
F	CD/Software	Required if Applicable		

Technical Specification for Hot Air Blower

Instruction to Vendor

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Sl.No	Parameter	Requirement/Specification		VENDOR ACCEPTANCE
1	HOT AIR BLOWER			
	ACCEPTABLE MAKE	Black & Decker,Bosch,P. P. Enviro Solution		
A	MAKE	VENDOR TO SPECIFY=		
B	MODEL	VENDOR TO SPECIFY=		
C	CATALOGUE	VENDOR TO SUBMIT ORIGINAL CATALOGUE & SPECIFICATION SHEET FOR TECHNICAL EVALUATION		
2	TECHNICAL SPECIFICATION:-			
		Range	Accuracy (%OF READING + LSD COUNT)	VENDOR ACCEPTANCE
A	RPM	1- 16000 rpm	0.1% + 1 LSD	
B	NATURE OF DUTY	Blower cum hot air gun portable type		
C	INPUT VOLTAGE	230V AC		
D	Volumetric flow rate	Equal to or greater than 4.5 m³/min		
E	Rated power input	Equal to or greater than 1000 watt		
F	Weight	Less than 1.5 kg		

Technical Specification of ELCB Tester

Instruction to Vendor

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Sl.No	Specification	Requirement	VENDOR ACCEPTANCE
	ELCB TESTER		
A	MAKE	FLUKE/ MEGGAR	
B	MODEL	VENDOR TO SPECIFY=	
C	CATALOGUE	VENDOR TO SUBMIT ORIGINAL CATALOGUE & SPECIFICATION SHEET FOR TECHNICAL EVALUATION	
	TECHNICAL SPECIFICATION:-		
1	Supply voltage	280 V, 45 hz to 65 hz	
2	AC Voltage measurement range	0 TO 300 V ,25 HZ TO 450 HZ ; Accuracy: +/-2%, +/- 2 digits	
3	Frequency Measurement:-	Range:25 Hz to 450 Hz Accuracy :25 Hz to 199.9 Hz; +/-1 Hz	
4	IP protection	IP54	
5	POWER /BATTERY	Standard Dry Alkaline Battery/3 Volt Lithium 90 hours typical.	
6	POWER MANAGEMENT	AUTO SLEEP MODE/POWER OFF FOR LONG BATTERY LIFE REQUIRED	
7	BATTERY LIFE	VENDOR TO SPECIFY=	
8	BATTERY WARNING	LOW BATTERY INDICATION IS REQUIRED	
9	MEASUREMENT RATE	2 time / second	
10	OPERATING TEMPERATURE	0 TO +40 °C	
11	STORAGE TEMPERATURE	-25 TO +70 °C	
12	AUTO AND MANUAL RANGING	REQUIRED	
13	WEIGHT	LESS THAN 1000 g	
14	CALIBRATION CERTIFICATE	NIST/NPL traceable certificate of calibration is required along with supply.	
15	Warranty	12 months from date of operation or 18 months from date of delivery whichever is earlier	
	RANGE & ACCURACY		
1	Test current range	10/30/50/100/300/500/1000 mA	
2	Voltage measurement range	80V to 450 Volt	
3	SAFETY	IEC61010-1 CAT III / 300V Phase to earth ,	
	ACCESSORIES		
1	CARRYING CASE/HOLSTER	1 NUMBER WITH EACH METER	
2	BATTERY	1 SET INSTALLED AND 1 SET AS SPARE	
3	OPERATING MANUAL	IN ENGLISH ONE SET WITH EACH METER	

Technical Specification True RMS Thermal multimeter**Instruction to Vendor**

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Sl.No	Specification	Requirement	VENDOR ACCEPTANCE
1	DIGITAL INFRARED THERMOMETER		
	ACCEPTABLE MAKE	FLUKE / YOKOGAWA / MEGGER	
A	MAKE	VENDOR TO SPECIFY=	
B	MODEL	VENDOR TO SPECIFY=	
C	CATALOGUE	VENDOR TO SUBMIT ORIGINAL CATALOGUE & SPECIFICATION SHEET FOR TECHNICAL EVALUATION	
	TECHNICAL SPECIFICATION:-		
1	DISPLAY	LARGE DISPLAY WITH BACKLIT	
2	POWER MANAGEMENT	AUTO SLEEP MODE/POWER OFF FOR LONG BATTERY LIFE REQUIRED	
3	BATTERY LIFE	VENDOR TO SPECIFY=	
4	BATTERY WARNING	LOW BATTERY INDICATION IS REQUIRED	
5	Maximum Voltage betn. Any terminal and earth ground	1000 V	
6	Frequency	10000 counts	
7	OPERATING TEMPERATURE	0 TO +50 °C	
8	STORAGE TEMPERATURE	-20 TO +60 °C	
9	WEIGHT	LESS THAN 1000g	
10	CALIBRATION CERTIFICATE	International/national treaceable certificate of calibration is required along with supply.	
	RANGE & ACCURACY		
1	MEASUREMENT RANGE	- 10 ° C to 200 °C	
2	DISPLAY RESOLUTION	0.2 ° C	
3	MEASUREMENT ACCURACY	'+/-5 ° C or +/- 5 ° C whichever is greater at 25 ° C	
4	IMAGE CAPTURE FREQUENCY	8 HZ	
	ACCESSORIES		
1	CARRYING CASE & HOLSTER	1 SET WITH EACH METER	
2	BATTERY	1 SET INSTALLED AND 1 SET AS SPARE	
3	OPERATING MANUAL	IN ENGLISH ONE SET WITH EACH METER	

Technical Specification Infrared Thermometer**Instruction to Vendor**

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Sl.No	Specification	Requirement	VENDOR ACCEPTANCE
1	DIGITAL INFRARED THERMOMETER		
	ACCEPTABLE MAKE	FLUKE / YOKOGAWA / MEGGER / FLIR / AGILENT/TESTO	
A	MAKE	VENDOR TO SPECIFY=	
B	MODEL	VENDOR TO SPECIFY=	
C	CATALOGUE	VENDOR TO SUBMIT ORIGINAL CATALOGUE & SPECIFICATION SHEET FOR TECHNICAL EVALUATION	
	TECHNICAL SPECIFICATION:-		
1	DISPLAY	LARGE DISPLAY WITH BACKLIT	
2	POWER MANAGEMENT	AUTO SLEEP MODE/POWER OFF FOR LONG BATTERY LIFE REQUIRED	
3	BATTERY LIFE	VENDOR TO SPECIFY=	
4	BATTERY WARNING	LOW BATTERY INDICATION IS REQUIRED	
5	EMISSIVITY	0.95	
6	RESPONSE TIME	< 500 mSec	
7	OPERATING TEMPERATURE	0 TO +50 °C	
8	STORAGE TEMPERATURE	-20 TO +65 °C	
9	WEIGHT	LESS THAN 400g	
10	CALIBRATION CERTIFICATE	International/national traceable certificate of calibration is required along with supply.	
	RANGE & ACCURACY		
1	MEASUREMENT RANGE	- 30 ° C to 500 ° C	
2	DISPLAY RESOLUTION	0.2 ° C	
3	MEASUREMENT ACCURACY	10° C to 30° C: +/-1° C, OUTSIDE 10 TO 30 ° C: +/- 1.5° C OR +/- 1.5% OF READING WHICHEVER IS GREATER	
4	REPEATABILITY	+/- 0.5 % OF READING OR < / = 1° C WHICHEVER IS GREATER	
5	DISTANCE TO SPOT SIZE	10:01 CALCULATED AT 80% ENERGY	
6	SPECTRAL RANGE	6.5-18 MICRONS THERMOPILE DETECTOR	
7	TEMP. DISPLAY	° C OR ° F SELECTABLE	
8	MAX TEMP DISPLAY	REQUIRED	
9	TYPICAL DISTANCE TO TARGET	UPTO 2MT (6 FT.)	
10	LASER CLASS	SINGLE OFFSET LASER	
11	DATA HOLD	07 SEC	
	ACCESSORIES		
1	CARRYING CASE & HOLSTER	1 SET WITH EACH METER	
2	BATTERY	1 SET INSTALLED AND 1 SET AS SPARE	
3	OPERATING MANUAL	IN ENGLISH ONE SET WITH EACH METER	

Technical Specification of AC Leakage Current Clamp Meter**Instruction to Vendor**

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3. FOR ANY CONTRADICTORY POINTS IN THE SPECIFICATIONS AND SCOPE OF SUPPLY, VENDOR SHALL REFER TO BCPL FOR CLARIFICATION BEFORE SUBMITTING THE OFFER.

Sl.No	Specification	Requirement	VENDOR ACCEPTANCE
	AC LEAKAGE CURRENT CLAMP METER		
	APPROVED MAKE	FLUKE/ MEGGAR/ YOKOGAWA / AGILENT/KYORITSU/TESTO	
A	MODEL	VENDOR TO SPECIFY=	
B	CATALOGUE	VENDOR TO SUBMIT ORIGINAL CATALOGUE & SPECIFICATION SHEET FOR TECHNICAL EVALUATION	
C	TECHNICAL SPECIFICATION:		
1	DISPLAY	Digital display: 3200 counts	
2	METHOD OF DETECTION	MEAN VALUE	
3	CIRCUIT VOLTAGE	≤ 300 Vrms	
4	POWER /BATTERY	Standard Dry Alkaline Battery/3 Volt Lithium 90 hours typical.	
5	MEASUREMENT OF LEAKAGE CURRENT	10MA TO 40 AMP/<	
6	POWER MANAGEMENT	AUTO SLEEP MODE/POWER OFF FOR LONG BATTERY LIFE REQUIRED	
7	SAFETY	EN 61010-1, EN 61010-2-032. 300 V CAT II, Pollution Degree 2	
8	WITHSTANDING VOLTAGE	3.7 kV ac for one minute	
9	BATTERY LIFE	VENDOR TO SPECIFY=	
10	BATTERY WARNING	LOW BATTERY INDICATION IS REQUIRED	
11	Diameter of measurable conductor	40 mm max	
12	MEASUREMENT CYCLE	2 times/second (Digital display), 12 times/second (Bar-graph display)	
13	OPERATING TEMPERATURE	0 TO +40 °C	
14	STORAGE TEMPERATURE	-10 TO +60 °C	
15	AUTO AND MANUAL RANGING	REQUIRED	
16	VIBRATION TEST	AS PER VENDOR STANDARD	
17	WEIGHT	LESS THAN 250 g	
18	CALIBRATION CERTIFICATE	NIST/NPL traceable certificate of calibration is required along with supply.	
19	Warranty	12 months from date of operation or 18 months from date of delivery whichever is earlier	
D	ACCESSORIES		
1	CARRYING CASE/HOLSTER	1 NUMBER WITH EACH METER	
2	BATTERY	1 SET INSTALLED AND 1 SET AS SPARE	
3	OPERATING MANUAL	IN ENGLISH ONE SET WITH EACH METER	